



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 19

Complete if Known

Application Number	10/801,361
Filing Date	March 15, 2004
First Named Inventor	Stephen R. Quake
Art Unit	1743
Examiner Name	Not Assigned
Attorney Docket Number	20174C-001140US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
/TGK/	A1	US-2,656,508	10-20-1953	Coulter	
/TGK/	A2	US-3,560,754	02-02-1971	Kamentsky	
/TGK/	A3	US-3,570,515	03-16-1971	Kinner	
/TGK/	A4	US-3,747,628	07-24-1973	Holster et al.	
/TGK/	A5	US-4,046,159	09-06-1977	Pegourie	
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/TGK/	A12	US-4,898,582	02-06-1990	Faste	
/TGK/	A13	US-4,908,112	03-13-1990	Pace	
/TGK/	A14	US-4,963,498	10-16-1990	Hillman et al.	
/TGK/	A15	US-4,992,312	02-12-1991	Frisch	
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/TGK/	A17	US-5,085,562	02-04-1992	Van Lintel	
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/TGK/	A19	US-5,096,388	03-17-1992	Weinberg	
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/TGK/	A25	US-5,171,132	12-15-1992	Miyazaki	
/TGK/	A26	US-5,224,843	07-06-1993	Van Lintel	

Examiner
Signature

/Timothy Kingan/

Date
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/TGK/	A27	US-5,259,737	11-09-1993	Kamisuki et al.	
/TGK/	A28	US-5,265,327	11-30-1993	Faris et al.	
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/TGK/	A30	US-5,290,240	03-01-1994	Horres, Jr.	
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/TGK/	A43	US-5,529,465	06-25-1996	Zengerle et al.	
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/TGK/	A54	US-5,681,024	10-28-1997	Lisec et al.	
/TGK/	A55	US-5,702,618	12-30-1997	Saaski et al.	
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/TGK/	A80	US-6,117,634	09-12-2000	Langmore et al.	
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/TGK/	A92	US 2004/0115838 A1	06-17-2004	Quake et al.	
/TGK/	A93	US-6,767,706 B2	07-27-2004	Quake et al.	
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/TGK/	A95	US-6,960,437	11-01-2005	Enzelberger et al.	

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/TGK/	B1	EP	0 592 094	A2	04-13-1994	International Business Machines Corporation		<input type="checkbox"/>
/TGK/	B2	EP	0 703 364	A1	03-27-1996	Fraunhofer- Gesellschaft Zur Förderung Der Angewandten Forschung E.V.		<input type="checkbox"/>
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/TGK/	B4	EP	0 745 682	B1	12-04-1996	Bayer AG		<input type="checkbox"/>
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/TGK/	B7	EP	0 829 360	A2	03-18-1998	Xerox Corporation		<input type="checkbox"/>
/TGK/	B8	EP	0 845 603	A1	06-03-1998	Xerox Corporation		<input type="checkbox"/>
/TGK/	B9	EP	0 999 055	A2	05-10-2000	Samsung Electronics Co., Ltd.		<input type="checkbox"/>
/TGK/	B10	GB	2 155 152	A	09-18-1985	Allied Corporation		<input type="checkbox"/>
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/TGK/	B12	GB	2 264 496	A	09-01-1993	United States Department of Energy		<input type="checkbox"/>
/TGK/	B13	GB	2 308 460	A	06-25-1997	Daewoo Electronics Co., Ltd.		<input type="checkbox"/>
/TGK/	B14	WO	91/13338	A2	09-05-1991	Hatfield Polytechnic Higher Education Corporation		<input type="checkbox"/>
/TGK/	B15	WO	91/15750	A1	10-17-1991	Carrimed Ltd.		<input type="checkbox"/>
/TGK/	B16	WO	94/05414	A1	03-17-1994	The Regents of the University of California		<input type="checkbox"/>
/TGK/	B17	WO	95/33846	A1	12-14-1995	Affymax Technologies N.V.		<input type="checkbox"/>

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
/TGK/	B18	WO	95/33853	A1	12-14-1995	University of Tennessee Research Corporation		<input type="checkbox"/>
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/TGK/	B21	WO	98/07069	A1	02-19-1998	The Regents Of The University Of Michigan		<input type="checkbox"/>
/TGK/	B22	WO	98/08931	A1	03-05-1998	BTG USA Inc.		<input type="checkbox"/>
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/TGK/	B24	WO	99/04361	A1	01-28-1999	Diversified Scientific, Inc.		<input type="checkbox"/>
/TGK/	B25	WO	99/17093	A1	04-08-1999	The Regents Of The University Of Michigan		<input type="checkbox"/>
/TGK/	B26	WO	99/52633	A1	10-21-1999	Luminal Technologies, L.P.		<input type="checkbox"/>
/TGK/	B27	WO	00/00678	A1	01-06-2000	University Of Washington		<input type="checkbox"/>
/TGK/	B28	WO	00/43748	A1	07-27-2000	YSI Incorporated		<input type="checkbox"/>
/TGK/	B29	WO	00/60345	A1	10-12-2000	University Of Alabama At Birmingham Research Foundation		<input type="checkbox"/>
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/TGK/	B31	WO	01/09595	A3	02-08-2001	Emerald Biostructures, Inc.		<input type="checkbox"/>

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/TGK/	C1	"Biochips," Nature Biotechnology, Vol. 18, Supplement 2000, pp. IT43-IT44, 2000		
/TGK/	C2	"Chapter 9: Microfluidic Devices," Micromachined Transducers Sourcebook, pp. 779-882, 1998		
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